

Product Technical Statement

Product Description: Titan Facade Panel is an expressed joint wall cladding to achieve bold geometric designs.

Scope of Use: Titan Facade Panel installed using CLD Structural Cavity Battens is suitable for use as external wall cladding on residential buildings within the scope of E2/AS1 or light weight residential/commercial buildings exposed to design wind pressure of 2.5kPa (uls). covered by a specific engineering design (SED). Titan Façade Panel can also be fixed over a timber cavity batten that is nominal 18mm thick and used for buildings that are exposed to wind pressures up to 4.5kPa (uls).

Limitations: Titan Facade Panel must not be used in curved wall applications or in situations where it stays in contact with ground moisture.

Compliance with the NZBC: The following clauses of the NZBC are applicable to Titan Facade Panel and it complies with these requirements as explained below;

Structure - B1: Uniform wind face load tests have been completed at BRANZ and a NATA accredited James Hardie laboratory the suitability of façade system has been verified to meet wind pressure requirement in various wind zones as per NZS 3604 and SED wind zone up to a wind pressure of 2.5kPa and meets the requirements of B1.3.1, B1.3.2 and B1.3.4.

Durability - B2: Titan Facade Panel has been tested at a NATA accredited James Hardie laboratory in accordance with AS/NZS 2908.2 and meets the durability performance requirements as per B2.3.1(b) and B2.3.2 of this clause.

Fire Performance - C: Titan Facade Panel has been assessed and is classified as non-combustible material and is suitable for use on external walls close to boundaries.

External Moisture - E2: Titan Facade Panel cavity cladding as per its details has been tested for weathertightness as per E2/VM1 (as contained within NZBC Clause E2, Third Edition, Amendment 5).

Titan Façade Panel has also been tested as per AS/NZS 4284 for weathertightness of commercial facades and complies with the requirements of E2.

Hazardous Building Materials - F2: Titan Facade Panel complies with the requirements of F2.3.1 and will not present a health hazard when handled as per its technical specifications.

Energy Efficiency - H1: Titan Facade Panel walls constructed using bulk insulation meets the construction R-Value requirements as per Table 1 of Clause H1.

Installation: Titan Façade Panel must be installed in accordance with the current Titan Facade Panel Technical Specification. . The specification and details are available at James Hardie web site www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

Warranty: Titan Facade Panel has a product warranty of 15 years when installed and maintained as per the current technical specification.